

CLAIMS

1. An assistant for implant stent for placing an implant in an alveolar bone of a patient, comprising:

5 a body with a predetermined length and a drill insertion hole bored through the body from a top surface to a bottom surface thereof,

wherein the body comprises a support portion with a predetermined thickness and a sectional area greater than that of the body, said the support portion being formed on the top surface of the body.

10 2. An assistant for implant stent for placing an implant in an alveolar bone of a patient, comprising:

a body with a predetermined length and a drill insertion hole bored through the body from a top surface to a bottom surface thereof,

15 wherein the body includes a support portion with a predetermined thickness, said support portion being formed on the bottom surface of the body and protruding in opposite directions by a predetermined length.

20 3. An assistant for implant stent for placing an implant in an alveolar bone of a patient, comprising:

a body with a predetermined length and a drill insertion hole bored through the body from a top surface to a bottom surface thereof,

wherein the body includes stepped portion recessed on opposite lower edges of the body.

25 4. An assistant for implant stent for placing an implant in an alveolar bone of a patient, comprising:

a body with a predetermined length and a drill insertion hole bored through the body from a top surface to a bottom surface thereof,

30 wherein an opening of the drill insertion hole formed on the top surface of the body is shifted from the center on the top surface of the body by a predetermined distance.

5. The assistant as claimed in any one of claims 1 to 3, wherein an opening of the drill insertion hole formed on the top surface of the body is shifted from the center on the top surface of the body by a predetermined distance.

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6. The assistant as claimed in any one of claims 1 to 4, wherein the drill insertion hole is formed to be inclined at a predetermined angle.

7. The assistant as claimed in claim 5, wherein the drill insertion hole is formed to be inclined at a predetermined angle.

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8. The assistant as claimed in any one of claims 1 to 4, wherein an extended portion is formed on the bottom surface of the body to protrude downward, and the drill insertion hole is bored through the extended portion.

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9. The assistant as claimed in claim 5, wherein an extended portion is formed on the bottom surface of the body to protrude downward, and the drill insertion hole is bored through the extended portion.

10. The assistant as claimed in any one of claims 1 to 4, wherein a horizontal sectional area of the drill insertion hole increases downward of the body.

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11. The assistant as claimed in any one of claims 1 to 4, wherein the upper opening of the drill insertion hole is narrowed downward.

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12. The assistant as claimed in any one of claims 1 to 4, wherein a horizontal section of the body is rectangular with opposite rounded sides, circular, or rectangular with rounded corners.

13. The assistant as claimed in any one of claims 1 to 4, wherein a horizontal section of the upper opening is rectangular with opposite rounded sides, circular, or rectangular with

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rounded corners.

14. An X-ray imaging assistant for determining a direction in which an implant is placed in an alveolar bone of a patient, comprising:

5 a body with a predetermined length, and

a direction indication means formed to protrude from top and bottom surfaces of the body.

15. The assistant as claimed in claim 14, wherein a support portion is further provided on the top surface of the body.

16. An assistant for removing gingiva to place an implant in an alveolar bone of a patient, comprising:

a body with a predetermined length, and

15 a cutter taking the shape of a hollow tube and protruding from the bottom surface of the body.

17. The assistant as claimed in claim 16, further comprising a through-hole bored through the body from the top surface to the bottom surface of the body.

18. The assistant as claimed in claim 16 or 17, wherein a recess into which an upper portion of the alveolar bone is inserted is formed at a lower portion of the cutter.

19. A guide for an assistant for guiding an assistant for implant stent for placing an implant in an alveolar bone of a patient, wherein the guide is shaped as a hollow tube in which the assistant for implant stent is inserted and accommodated.

20. An assistant for stent forming for preparing a mounting position of an assistant for implant stent for placing an implant in an alveolar bone of a patient, comprising:

30 a forming portion with a predetermined length and an insert portion formed to protrude from a bottom surface of the forming portion.

21. A drilling tool for drilling an alveolar bone of a patient, comprising:
- a connecting member for allowing the tool to be coupled with a power transmission unit, said connecting member being formed on an upper portion of the tool;
 - 5 a drilling member for drilling the alveolar bone, said drilling member being formed at a lower portion of the tool; and
 - a cylindrical guide member with a diameter greater than that of the drilling member, said guide member being formed between the connecting member and the drilling member.

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